Product Information Packet: Model No: SCA0224A4141GAA001, Catalog No:SCA0224A4141GAA001 TerraMAX® Cast Iron Motor, 30 HP, 3 Ph, 50 Hz, 380/660 V, 750 RPM, 225M Frame, TEFC

## marathon®

## Nameplate Specifications

| Output HP                                 | 30 Hp                 | Output KW                                      | 22.0 kW                     |
|---|-----------------------|--|-----------------------------|
| Frequency                                 | 50 Hz                 | Voltage  | 380/660 V                   |
| Current                                   | 50.7 A                | Speed  | 736 rpm                     |
| Service Factor                            | 1                     | Phase  | 3                           |
| Efficiency                                | 89.1 %                | Power Factor                                   | 0.74                        |
| Duty                                      | S1                    | Insulation Class                               | F                           |
| Frame                                     | 225M                  | Enclosure                                      | Totally Enclosed Fan Cooled |
|   |                       |  |                             |
| Thermal Protection                        | No Protection         | Ambient Temperature                            | 40 °C                       |
| Thermal Protection Drive End Bearing Size | No Protection<br>6313 | Ambient Temperature Opp Drive End Bearing Size | 40 °C<br>6213               |
|   |                       |  |                             |
| Drive End Bearing Size                    | 6313                  | Opp Drive End Bearing Size                     | 6213                        |

## **Technical Specifications**

| Electrical Type       | Squirrel Cage | Starting Method       | Direct On Line |
|-----------------------|---------------|-----------------------|----------------|
| Poles                 | 8             | Rotation              | Bi-Directional |
| Mounting              | V1            | Motor Orientation     | Shaftdown      |
| Drive End Bearing     | СЗ            | Opp Drive End Bearing | СЗ             |
| Frame Material        | Cast Iron     | Shaft Type            | Keyed          |
| Overall Length        | 965 mm        | Frame Length          | 425 mm         |
| Shaft Diameter        | 60 mm         | Shaft Extension       | 140 mm         |
| Assembly/Box Mounting | Тор           |                       |                |
| Connection Drawing    | 8442000085    | Outline Drawing       | 0222500915     |

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